

## **MONITORING ARRANGEMENT FOR COMPARTMENT AIR CONTAMINATION**

### Abstract of the Disclosure

An air quality monitoring arrangement is associated with an enclosed cab of an agricultural tractor used for towing or carrying spraying implements for treating crop with substances which might be toxic or otherwise harmful to people. A signal from a contaminant sensor is sent to a control arrangement which compares the actual sensed contamination of the air within the cab over time with a value from a performance map representing the performance expected from normal performance of the air circulating system of the cab. When the sensed contamination is higher than that of the performance map the operator is warned of a malfunction. The blower of the air circulating system may have its speed increased so as to pressurize the cab so as to exclude the entry of contaminated air through seals and other small openings of the cab. The air filters used are coded and recognized by the control system which keeps track of the service time of the filters and warns an operator when the service time exceeds that of a stored time value related to the particular filter.